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1976 INSPECTIONS OF


FERTILIZER PESTICIDE AND FEED PRODUCTS

GOVERNMENT PUBLICATIONS
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J. Gordon Hanna



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1976 Inspections of
Fertilizer, Pesticide and Feed Products

Data obtained by chemical analysis of officially collected samples of commercial feeds, fertilizers and pesticide formulations are contained in this report. The tables show the number of samples from each manufacturer (in parenthesis), the number of determinations made for each guaranteed ingredient, the number of deficiencies, and the average percent of claims for each component.

The deficiencies noted for feed samples are based on the permitted variations recommended by the Association of American Feed Control Officials, the investigational allowances for fertilizers are those of the Association of American Plant Food Control Officials, and the permissive guarantee variations suggested by the Association of American Pesticide Control Officials are used for pesticide formulations.

Data for 588 samples of feed representing 52 manufacturers, 416 samples of fertilizer representing 54 manufacturers and 285 samples of pesticide representing 53 manufacturers are summarized.

The feed and fertilizer laws are administered by the Commissioner of Agriculture. The pesticide law is under the direction of the Commissioner of Environmental Protection.

Analytical work was by R. Botsford, M. Fuzesi, W. Glowa, H. Kocaba, R. Smith, S. Squires and G. Wilmes. The report was assembled and typed by C. Peet.

J. Gordon Hanna, Chief Chemist

April, 1976

| Feed Manufacturer | Number of Claims | | | | Number Not Met | | | Average % of Claims | | |
|--------------------------------|------------------|-----|-------|-------|----------------|-----|-------|---------------------|-----|-------|
| | Protein | Fat | Fiber | Total | Protein | Fat | Fiber | Protein | Fat | Fiber |
| Agway (76) | 76 | 76 | 76 | 228 | 0 | 0 | 0 | 106 | 125 | 68 |
| Allen Products (3) | 3 | 3 | 3 | 9 | 1 | 1 | 0 | 101 | 102 | 33 |
| Allied Mills (42) | 42 | 42 | 42 | 126 | 1 | 0 | 0 | 116 | 142 | 62 |
| Armour Dial (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 120 | 207 | 93 |
| Beacon Milling (8) | 8 | 8 | 8 | 24 | 0 | 0 | 0 | 114 | 127 | 60 |
| Best Feed Farm Supplies (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 103 | 127 | 63 |
| Blue Seal Mill (4) | 4 | 4 | 4 | 12 | 0 | 0 | 0 | 103 | 138 | 77 |
| Bordo Citrus Products (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 114 | 233 | 77 |
| Bumble Bee Seafoods (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 103 | 247 | 44 |
| Cadillac Pet Foods (4) | 4 | 4 | 4 | 12 | 0 | 0 | 0 | 105 | 156 | 70 |
| Calo Pet Foods (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 103 | 119 | 43 |
| Carnation (7) | 7 | 7 | 7 | 21 | 0 | 0 | 0 | 106 | 177 | 53 |
| Central Connecticut Co-op (26) | 26 | 26 | 26 | 78 | 2 | 0 | 0 | 104 | 120 | 73 |
| Champion Valley Farms (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 127 | 145 | 42 |
| Derby Feed Co. (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 100 | 130 | 36 |
| John W. Eschelmann (41) | 40 | 40 | 40 | 120 | 1 | 0 | 0 | 108 | 145 | 67 |
| Farm Bureau (16) | 16 | 16 | 16 | 48 | 1 | 1 | 0 | 101 | 124 | 76 |
| R. T. French (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 130 | 152 | 22 |
| General Foods (4) | 4 | 4 | 4 | 12 | 0 | 0 | 0 | 115 | 170 | 65 |
| Roy Goff (5) | 5 | 5 | 5 | 15 | 1 | 0 | 0 | 98 | 134 | 38 |
| Great A & P (25) | 25 | 25 | 25 | 75 | 0 | 0 | 0 | 123 | 173 | 64 |
| Hap-EE Pet Food (1) | 1 | 1 | 1 | 3 | 1 | 0 | 0 | 92 | 112 | 10 |
| Hartz Mountain (12) | 12 | 12 | 12 | 36 | 0 | 1 | 0 | 111 | 137 | 59 |
| E. C. & W. L. Hopkins (26) | 26 | 26 | 26 | 78 | 0 | 0 | 0 | 104 | 134 | 73 |
| Jerky Treats (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 103 | 297 | 12 |
| K & L Feed Mill (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 116 | 116 | 69 |
| Kal Kan Foods (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 112 | 150 | 21 |
| Keystone Dehydrators (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 100 | 114 | 104 |
| Lipton Pet Foods (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 122 | 109 | 81 |
| Liv-A-Snaps (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 111 | 129 | 29 |
| Mavar Shrimp and Oyster (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 114 | 158 | 68 |
| Miller Morton (6) | 6 | 6 | 6 | 18 | 0 | 0 | 0 | 104 | 130 | 49 |
| Morton Pet Food (1) | 1 | 1 | 1 | 3 | - | - | - | - | - | - |
| Nabisco (6) | 6 | 6 | 6 | 18 | 2 | 0 | 0 | 104 | 140 | 53 |
| National Alfalfa (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 103 | 203 | 98 |
| National Pet Food (2) | 2 | 2 | 2 | 6 | 1 | 0 | 0 | 90 | 116 | 46 |
| New England Fish (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 120 | 130 | 46 |
| Old Mother Hubbard (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 106 | 237 | 32 |
| Perk Foods (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 104 | 241 | 65 |
| Quaker Oats (12) | 12 | 12 | 12 | 36 | 0 | 1 | 0 | 112 | 135 | 54 |

| Feed Manufacturer | <u>Number of Claims</u> | | | | <u>Number Not Met</u> | | | <u>Average % of Claims</u> | | |
|----------------------------|-------------------------|-----|-------|-------|-----------------------|-----|-------|----------------------------|-----|-------|
| | Protein | Fat | Fiber | Total | Protein | Fat | Fiber | Protein | Fat | Fiber |
| Ralston Purina (76) | 76 | 76 | 76 | 228 | 0 | 0 | 0 | 110 | 153 | 58 |
| Reward Co. (3) | 3 | 3 | 3 | 9 | 0 | 0 | 0 | 102 | 227 | 20 |
| Riviana Foods (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 112 | 145 | 45 |
| Star-Kist Foods (2) | 2 | 2 | 2 | 6 | 0 | 0 | 0 | 105 | 166 | 41 |
| Stop & Shop (11) | 11 | 11 | 11 | 33 | 0 | 0 | 0 | 110 | 165 | 52 |
| Strongheart Products (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 124 | 138 | 123 |
| Sunshine Feed Mills (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 100 | 106 | 55 |
| Superior Pet Products (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 110 | 440 | 105 |
| Triumph Pet Industries (7) | 7 | 7 | 7 | 21 | 0 | 0 | 0 | 106 | 123 | 57 |
| United Co-op Farmers (17) | 15 | 15 | 15 | 45 | 0 | 0 | 0 | 106 | 113 | 68 |
| Valley Pet Food (1) | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 119 | 160 | 46 |
| H. K. Webster (105) | 105 | 104 | 104 | 313 | 2 | 0 | 0 | 105 | 125 | 76 |
| (588) | 585 | 584 | 584 | 1753 | 13 | 4 | 0 | 108 | 139 | 65 |

Percent of claims deficient: 0.97

| Fertilizer Manufacturer | Number of Claims | | | Number Not Met | | Average % of Claims | |
|------------------------------|------------------|---|-------|----------------|---|---------------------|---|
| | N | P ₂ O ₅ + K ₂ O | Total | N | P ₂ O ₅ + K ₂ O | N | P ₂ O ₅ + K ₂ O |
| Agrico Chemical Co. (21) | 17 | 37 | 54 | 5 | 16 | 112.1 | 95.2 |
| Agway, Inc. (72) | 63 | 126 | 189 | 2 | 10 | 104.4 | 107.1 |
| Atlas Fish Fertilizer (2) | 2 | 3 | 5 | 0 | 0 | 111.8 | 125.9 |
| A.V.I. (2) | 2 | 3 | 5 | 0 | 0 | 125.5 | 124.3 |
| Brockville Chemical (1) | 1 | 0 | 1 | 0 | - | 100.5 | - |
| Cadwell and Jones (18) | 15 | 33 | 48 | 2 | 11 | 107.6 | 98.0 |
| Carefree Garden Products (2) | 2 | 4 | 6 | 0 | 0 | 98.9 | 107.7 |
| Chevron (18) | 17 | 33 | 50 | 0 | 0 | 107.4 | 109.0 |
| Chilean Nitrate Sales (1) | 1 | 1 | 2 | 0 | 0 | 98.1 | 99.7 |
| Continental Peat (4) | 4 | 8 | 12 | 1 | 1 | 110.4 | 135.6 |
| Corenco (13) | 13 | 24 | 37 | 4 | 3 | 103.6 | 115.0 |
| Ross Daniels (6) | 6 | 12 | 18 | 0 | 0 | 142.1 | 105.3 |
| The Dramm Co. (1) | 1 | 2 | 3 | 0 | 0 | 102.7 | 127.2 |
| Dunhill Organic (1) | 1 | 2 | 3 | 0 | 0 | 121.0 | 183.3 |
| DuPont (1) | 1 | 0 | 1 | 0 | - | 98.4 | - |
| Dysart Chemical Co. (1) | 1 | 2 | 3 | 0 | 0 | 102.4 | 96.1 |
| Ecology (1) | 1 | 0 | 1 | 1 | - | 1.8 | - |
| Encap (1) | 1 | 2 | 3 | 0 | 0 | 110.8 | 187.2 |
| Faesy & Besthoff (4) | 4 | 4 | 8 | 0 | 0 | 102.3 | 132.9 |
| Federal (2) | 2 | 4 | 6 | 0 | 0 | 104.4 | 105.2 |
| Fer-Mel (14) | 14 | 26 | 40 | 2 | 0 | 99.1 | 105.0 |
| W. R. Grace (1) | 1 | 0 | 1 | 0 | - | 101.1 | - |
| Charles C. Hart Seed (6) | 6 | 12 | 18 | 0 | 2 | 118.5 | 104.1 |
| Hercules (2) | 1 | 0 | 1 | 0 | - | 101.0 | - |
| Hyponex (4) | 4 | 8 | 12 | 0 | 0 | 108.7 | 120.5 |
| Hytrous (4) | 4 | 8 | 12 | 0 | 0 | 124.7 | 120.0 |
| International Spike (1) | 1 | 2 | 3 | 0 | 0 | 112.5 | 111.8 |
| Kerr-McGee (76) | 64 | 139 | 203 | 16 | 32 | 101.9 | 112.1 |
| Lebanon (17) | 17 | 34 | 51 | 1 | 2 | 109.3 | 107.3 |
| Loft's (3) | 3 | 6 | 9 | 0 | 1 | 131.8 | 125.9 |
| Luzerne (8) | 8 | 16 | 24 | 4 | 1 | 95.5 | 104.9 |
| 3M (3) | 3 | 6 | 9 | 0 | 0 | 104.6 | 101.7 |
| Wilson and George Meyer (1) | 1 | 0 | 1 | 0 | - | 98.6 | - |
| Mississippi Chemical (1) | 1 | 0 | 1 | 0 | - | 100.9 | - |
| New Plant Life (1) | 1 | 2 | 3 | 0 | 0 | 107.6 | 110.2 |
| Old Fox (61) | 56 | 114 | 170 | 24 | 36 | 99.3 | 108.1 |
| Organic Compost (4) | 3 | 6 | 9 | 0 | 0 | 98.0 | 131.3 |
| Organic Recycling (1) | 1 | 1 | 2 | 0 | 0 | 100.0 | 104.8 |
| Pennsylvania Dutch (1) | 1 | 2 | 3 | 0 | 0 | 131.1 | 106.5 |
| Robert B. Peters (5) | 5 | 10 | 15 | 0 | 0 | 107.6 | 109.5 |
| Rain Bird (1) | 1 | 2 | 3 | 0 | 0 | 101.4 | 100.0 |
| Rapid Gro (1) | 1 | 2 | 3 | 0 | 0 | 104.4 | 100.6 |
| Royster (2) | 2 | 4 | 6 | 0 | 0 | 104.6 | 117.8 |

| Fertilizer Manufacturer | Number of Claims | | | Number Not Met | | Average % of Claims | |
|-------------------------------|------------------|---|-------|----------------|---|---------------------|---|
| | N | P ₂ O ₅ + K ₂ O | Total | N | P ₂ O ₅ + K ₂ O | N | P ₂ O ₅ + K ₂ O |
| Schultz Co. (2) | 2 | 4 | 6 | 0 | 1 | 109.7 | 98.1 |
| O. M. Scott (6) | 6 | 12 | 18 | 1 | 1 | 100.9 | 122.8 |
| Sears (3) | 3 | 6 | 9 | 0 | 1 | 111.0 | 118.2 |
| Stern's (4) | 4 | 8 | 12 | 0 | 0 | 102.4 | 105.0 |
| Stim-U-Plant (1) | 1 | 2 | 3 | 0 | 0 | 100.4 | 172.8 |
| Unified Div. Diamond Salt (1) | 1 | 2 | 3 | 0 | 0 | 118.0 | 107.9 |
| Universal Chemical (2) | 2 | 4 | 6 | 0 | 1 | 94.0 | 106.4 |
| USS Agri Chemicals (2) | 2 | 2 | 4 | 1 | 0 | 95.4 | 134.0 |
| Venturi (2) | 2 | 4 | 6 | 0 | 0 | 156.0 | 115.5 |
| Vigoro (1) | 1 | 2 | 3 | 0 | 0 | 103.1 | 113.6 |
| Wegro Div., Old Fort (2) | 2 | 4 | 6 | 0 | 0 | 104.4 | 104.3 |
| (416) | 380 | 750 | 1130 | 64 | 119 | 105.0 | 107.9 |

Percent of claims deficient: 16.2

Mixed Fertilizer Distribution

July 1, 1975 - June 30, 1976

| <u>Grade</u> | <u>Tons</u> |
|----------------|---------------|
| 0-10-30 | 39 |
| 0-10-40 | 141 |
| 0-15-30 | 395 |
| 0-20-20 | 21 |
| 0-25-25 | 35 |
| 5-10-5 | 845 |
| 5-10-10 | 3,862 |
| 5-20-20 | 78 |
| 6-3-6 | 1,107 |
| 7-7-7 | 46 |
| 8-8-8 | 16 |
| 8-10-10 | 3,014 |
| 8-16-16 | 53 |
| 10-6-4 | 2,505 |
| 10-10-10 | 7,237 |
| 10-15-15 | 40 |
| 10-20-10 | 548 |
| 10-20-20 | 617 |
| 12-4-8 | 108 |
| 15-8-12 | 1,177 |
| 15-10-10 | 2,714 |
| 15-15-15 | 440 |
| 15-30-15 | 47 |
| 16-8-8 | 13 |
| 20-0-10 | 182 |
| 20-4-8 | 127 |
| 20-5-10 | 276 |
| 20-10-5 | 626 |
| 20-10-10 | 427 |
| 20-20-20 | 21 |
| 23-7-7 | 957 |
| 25-5-10 | 150 |
| Miscellaneous* | <u>11,713</u> |
| Total | 39,677 |

*Small amounts or reported by
fewer than three manufacturers

Secondary and Minor Elements

| Manufacturer | Element Claimed | Number Of Claims | Number Not Met | Average % Of Claims |
|------------------------------|-----------------|------------------|----------------|---------------------|
| Agrico (1) | Magnesium | 1 | 0 | 254 |
| Agway (5) | Boron | 3 | 0 | 177 |
| | Iron | 2 | 0 | 1250 |
| Carefree Garden Products (2) | Magnesium | 2 | 0 | 102 |
| Chevron (1) | Iron | 1 | 1 | 81 |
| Ross Daniels (2) | Iron | 2 | 0 | 105 |
| Ecology (1) | Boron | 1 | 1 | 9 |
| | Chlorine | 1 | 1 | 0 |
| | Copper | 1 | 1 | 6 |
| | Iron | 1 | 0 | 10 |
| | Magnesium | 1 | 0 | 10 |
| | Manganese | 1 | 1 | 66 |
| | Zinc | 1 | 1 | 7 |
| Kerr-McGee (2) | Magnesium | 2 | 1 | 81 |
| Lebanon (4) | Calcium | 4 | 0 | 203 |
| | Iron | 4 | 0 | 264 |
| | Magnesium | 2 | 0 | 225 |
| | Sulfur | 4 | 1 | 93 |
| Loft's (2) | Boron | 2 | 0 | 450 |
| | Copper | 2 | 0 | 89 |
| | Iron | 2 | 0 | 103 |
| | Magnesium | 2 | 0 | 2069 |
| | Sulfur | 2 | 1 | 81 |
| | Zinc | 2 | 0 | 153 |
| Old Fox (7) | Magnesium | 7 | 0 | 351 |
| (27) | | 53 | 9 | 285 |

Percent of claims deficient: 17.0

Tonnages of Fertilizer Materials and Mixed
Fertilizers Purchased During the Period of
July 1, 1975 - June 30, 1976

Chemical Nitrogen

| | |
|---------------------|--------------|
| Ammonium nitrate | 320 |
| Ammonium sulfate | 5 |
| Calcium nitrate | 86 |
| Nitrate of soda | 107 |
| Nitrogen solutions | 475 |
| Urea | 3,848 |
| Urea - formaldehyde | 106 |
| | <u>4,947</u> |

Organics

| | |
|---------------------------------|--------------|
| Castor pomace | 109 |
| Cottonseed meal | 389 |
| Dried blood | 2 |
| Dried manures | 5,820 |
| Fish scrap and meal | 99 |
| Sewage | 1,407 |
| Other natural organic materials | 47 |
| | <u>7,873</u> |

Phosphates

| | |
|----------------------|--------------|
| Ammonium phosphate | 1,537 |
| Diammonium phosphate | 123 |
| Bonemeal | 29 |
| Phosphate rock | 5 |
| Superphosphate 20% | 104 |
| Superphosphate 46% | 651 |
| | <u>2,449</u> |

Potash

| | |
|----------------------------|--------------|
| Muriate of potash | 2,481 |
| Sulfate of potash | 18 |
| Sulfate of potash-magnesia | 10 |
| Other potash materials | 4 |
| | <u>2,513</u> |

Secondary and micronutrients

| | |
|------------------|-----------|
| Aluminum | 2 |
| Borax | 23 |
| Copper | 2 |
| Iron | 3 |
| Zinc | 3 |
| Element mixtures | 2 |
| | <u>35</u> |

Mixed Fertilizers

| | |
|---------------------|---------------|
| Commercial mixtures | 39,677 |
| Special mixtures | 7,386 |
| | <u>47,063</u> |

Total 64,780

| Pesticide Manufacturer | Pesticide | Number Of Claims | Number Not Met | Average % Of Claims |
|------------------------------|--------------------|---------------------|-------------------|------------------------|
| Agway, Inc. (10) | Ammonium sulfamate | 1 | 0 | 100 |
| | Captan | 3 | 0 | 101 |
| | Carbaryl | 2 | 0 | 100 |
| | Folpet | 1 | 0 | 102 |
| | Malathion | 4 | 0 | 101 |
| | Methoxychlor | 3 | 0 | 103 |
| | Prometone | 1 | 0 | 101 |
| | Pyrethrins | 1 | 0 | 100 |
| | Resmethrin | 1 | 0 | 92 |
| | Rotenone | 1 | 0 | 105 |
| Amchem Products, Inc. (4) | Amitrol | 2 | 0 | 105 |
| | 2,4-D + 2,4,5-T | 1 | 1 | 87 |
| | 2,4-D + Dicamba | 1 | 0 | 96 |
| Athena Corp. (1) | Baygon | 1 | 0 | 126 |
| Black Leaf Products Co. (16) | Arsenic | 1 | 0 | 100 |
| | Captan | 1 | 0 | 101 |
| | Carbaryl | 3 | 0 | 101 |
| | Chlordane | 1 | 0 | 102 |
| | Diazinon | 1 | 0 | 104 |
| | Folpet | 1 | 0 | 100 |
| | Kelthane | 1 | 0 | 105 |
| | Lindane | 1 | 0 | 99 |
| | Malathion | 3 | 0 | 102 |
| | Maneb | 1 | 0 | 98 |
| | Manganese | 1 | 0 | 105 |
| | Methoxychlor | 1 | 0 | 102 |
| | Nicotine | 2 | 0 | 98 |
| | Rotenone | 1 | 0 | 107 |
| | Silvex | 1 | 0 | 160 |
| | Silvex + 2,4-D | 1 | 0 | 109 |
| | Warfarin | 1 | 0 | 112 |
| Bonide Chemical Co. (39) | Ammonium sulfamate | 1 | 0 | 99 |
| | Arsenic | 1 | 0 | 110 |
| | Aspon | 1 | 0 | 99 |
| | Benomyl | 1 | 0 | 99 |
| | Captan | 5 | 0 | 101 |
| | Carbaryl | 12 | 0 | 103 |
| | Copper | 4 | 0 | 90 |
| | Chlordane | 2 | 0 | 104 |
| | 2,4-D | 2 | 1 | 87 |
| | DDVP | 1 | 0 | 98 |
| | Diazinon | 2 | 0 | 103 |
| | DiSyston | 1 | 0 | 105 |
| | Folpet | 1 | 1 | 79 |
| | Karathane | 2 | 0 | 108 |
| | Kelthane | 6 | 0 | 103 |
| | Lethane | 2 | 2 | 50 |
| | Lindane | 1 | 0 | 100 |
| | Malathion | 8 | 0 | 104 |
| | Maneb | 1 | 0 | 108 |
| | Methoxychlor | 3 | 0 | 100 |
| | Pentachlorophenol | 1 | 0 | 104 |
| | Rotenone | 2 | 0 | 97 |
| | Ryania Speciosa | 2 | 0 | 101 |
| | Sulfur | 1 | 0 | 101 |

| Pesticide Manufacturer | Pesticide | Number Of Claims | Number Not Met | Average % Of Claims |
|-------------------------------------|---------------------------|---------------------|-------------------|------------------------|
| Boyle-Midway, Inc. (4) | Allethrin | 1 | 0 | 97 |
| | Arsenic | 1 | 0 | 100 |
| | Baygon | 1 | 0 | 104 |
| | Metaldehyde | 1 | 0 | 97 |
| Carter-Wallace, Inc. (1) | Baygon | 1 | 0 | 100 |
| Chemagro-Baychem Co. (1) | Co-Ral | 1 | 0 | 100 |
| Chevron Chemical Co. (35) | Ammonium sulfamate | 1 | 0 | 99 |
| | Arsenic | 1 | 0 | 105 |
| | Baygon | 2 | 0 | 106 |
| | Captan | 3 | 0 | 138 |
| | Carbaryl | 4 | 0 | 104 |
| | Chlordane | 3 | 0 | 109 |
| | 2,4-D | 2 | 0 | 104 |
| | Dalapon | 1 | 0 | 101 |
| | Diazinon | 2 | 0 | 102 |
| | Dyrene | 1 | 0 | 102 |
| | Folpet | 2 | 0 | 100 |
| | Isobornylthiocyanoacetate | 1 | 0 | 108 |
| | Kelthane | 2 | 0 | 101 |
| | Lindane | 1 | 0 | 99 |
| | Malathion | 3 | 0 | 103 |
| | Mesuro | 1 | 0 | 106 |
| | Metaldehyde | 1 | 0 | 92 |
| | Meta-Systox-R | 1 | 0 | 100 |
| | Methoxychlor | 3 | 0 | 96 |
| | Paradichlorobenzene | 1 | 0 | 100 |
| | Paraquat | 1 | 0 | 109 |
| | Prometone | 1 | 0 | 106 |
| | Pyrethrins | 3 | 0 | 102 |
| | Resmethrin | 4 | 0 | 132 |
| | Rotenone | 2 | 0 | 105 |
| | Silvex + 2,4-D | 2 | 0 | 104 |
| Ciba-Geigy Corp. (3) | Diazinon | 3 | 0 | 108 |
| Creative Chemical (1) | Hydrogen chloride | 1 | 0 | 99 |
| Jim Dandy Co. (1) | N,N-Diethyl-M-toluamide | 1 | 0 | 110 |
| The d-Con Co. (2) | Pyrethrins | 1 | 0 | 107 |
| | Resmethrin | 1 | 0 | 96 |
| DeMert and Dougherty, Inc. (1) | Diazinon | 1 | 0 | 110 |
| | Pyrethrins | 1 | 0 | 92 |
| Diamond Shamrock Corp. (1) | Dylox | 1 | 0 | 103 |
| | Meta-Systox | 1 | 0 | 100 |
| Faesy and Besthoff, Inc. (2) | Chlordane | 1 | 0 | 97 |
| | Nicotine | 1 | 0 | 152 |
| Farmingdale Garden Laboratories (7) | Carbaryl | 3 | 0 | 100 |
| | Diazinon | 1 | 0 | 104 |
| | Kelthane | 2 | 0 | 103 |
| | Lindane | 1 | 0 | 100 |
| | Malathion | 2 | 0 | 103 |
| | Maneb | 1 | 0 | 102 |
| | Methoxychlor | 1 | 0 | 103 |
| | Sulfur | 1 | 0 | 103 |

| Pesticide Manufacturer | Pesticide | Number Of Claims | Number Not Met | Average % Of Claims |
|---|-------------------------|---------------------|-------------------|------------------------|
| Farnum Companies (9) | N,N-Diethyl-m-toluamide | 2 | 0 | 105 |
| | Dipterex | 1 | 0 | 105 |
| | Pyrethrins | 5 | 1 | 91 |
| | Rotenone | 1 | 0 | 102 |
| First National Stores (1) | Allethrin | 1 | 0 | 100 |
| | Methoxychlor | 1 | 0 | 95 |
| The Great Atlantic & Pacific Tea Co. (2) | Baygon | 1 | 0 | 100 |
| | Pyrethrins | 2 | 1 | 84 |
| The Hartz Mountain Corp. (3) | Carbaryl | 1 | 0 | 102 |
| | Pyrethrins | 2 | 0 | 110 |
| Heritage House Products (1) | Pyrethrins | 1 | 0 | 95 |
| Hopkins Agricultural Chemical Co. (1) | MesuroI | 1 | 0 | 118 |
| S. C. Johnson and Son, Inc. (8) | Allethrin | 1 | 0 | 105 |
| | Carbaryl | 1 | 0 | 100 |
| | DDVP | 2 | 0 | 100 |
| | N,N-Diethyl-m-toluamide | 2 | 0 | 103 |
| | Folpet | 1 | 0 | 97 |
| | Perthane | 1 | 0 | 105 |
| | Pyrethrins | 2 | 0 | 104 |
| S. S. Kresge Co. (2) | Carbaryl | 1 | 0 | 106 |
| | Maneb | 1 | 0 | 103 |
| | Silvex | 1 | 0 | 96 |
| Lethelin Products Co. (1) | Lindane | 1 | 0 | 99 |
| Miller-Morton Co. (6) | Baygon | 2 | 0 | 106 |
| | Carbaryl | 1 | 0 | 104 |
| | Methoxychlor | 1 | 0 | 98 |
| | Pyrethrins | 1 | 0 | 114 |
| | Rotenone | 1 | 0 | Present |
| John Opitz, Inc. (1) | Kepone | 1 | 0 | 104 |
| The Parrott Chemical Co. (5) | Captan | 1 | 0 | 99 |
| | Carbaryl | 2 | 0 | 103 |
| | Chlordane | 1 | 0 | 102 |
| | Copper | 2 | 0 | 114 |
| | Rotenone | 2 | 0 | 103 |
| Pennwalt Corp. (1) | Endothal | 1 | 0 | 105 |
| Plantabbs Corp. (1) | Malathion | 1 | 0 | 130 |
| | Pyrethrins | 1 | 0 | 115 |
| Plant Marvel Laboratories (2) | Pyrethrins | 2 | 0 | 97 |
| B. G. Pratt Div., Gabriel Chemical Ltd. (36) | Amitrol | 2 | 0 | 102 |
| | Arsenic | 2 | 0 | 101 |
| | Baygon | 1 | 0 | 100 |
| | Benomyl | 1 | 0 | 100 |
| | Captan | 1 | 1 | 75 |
| | Carbaryl | 3 | 0 | 101 |
| | Chlordane | 3 | 0 | 100 |
| | Copper | 2 | 0 | 100 |
| | | | | |

| Pesticide Manufacturer | Pesticide | Number Of Claims | Number Not Met | Average % Of Claims |
|---|--------------------|---------------------|-------------------|------------------------|
| B. G. Pratt Div., Gabriel Chemical Ltd. (36) | 2,4-D | 1 | 0 | 93 |
| | Diazinon | 2 | 0 | 103 |
| | Dimethoate | 1 | 0 | 101 |
| | DiSyston | 1 | 0 | 96 |
| | Kelthane | 3 | 0 | 106 |
| | Lindane | 1 | 0 | 96 |
| | Malathion | 3 | 1 | 95 |
| | Methoxychlor | 5 | 0 | 101 |
| | Methylnonyl ketone | 1 | 0 | 101 |
| | Mexacarbate | 1 | 0 | 104 |
| | Pyrethrins | 5 | 1 | 92 |
| | Resmethrin | 1 | 0 | 124 |
| | Rotenone | 4 | 0 | 101 |
| | Simazine | 1 | 0 | 100 |
| | Sulfur | 2 | 0 | 102 |
| | Thiram | 1 | 0 | 100 |
| Ralston Purina Co. (17) | Baygon | 1 | 0 | 132 |
| | Captan | 1 | 0 | 101 |
| | Carbaryl | 3 | 0 | 104 |
| | Chlordane | 2 | 0 | 100 |
| | Ciodrin | 1 | 0 | 101 |
| | 2,4-D + 2,4,5-T | 1 | 0 | 104 |
| | DDVP | 1 | 0 | 104 |
| | Diazinon | 1 | 0 | 101 |
| | Dimethoate | 1 | 0 | 100 |
| | Dipterex | 1 | 0 | 104 |
| | Karathane | 1 | 0 | 160 |
| | Malathion | 2 | 1 | 86 |
| | Perthane | 1 | 0 | 99 |
| | Pyrethrins | 2 | 0 | 106 |
| | Sulfur | 1 | 0 | 100 |
| | Warfarin | 1 | 0 | 104 |
| Realex Corp. (1) | 2,4-D + dicamba | 1 | 0 | 100 |
| Rexall Drug Co. (2) | Pyrethrins | 1 | 0 | 108 |
| | Resmethrin | 1 | 0 | 144 |
| Rite-Off Corp. (4) | Carbaryl | 1 | 0 | 101 |
| | Diazinon | 1 | 0 | 100 |
| | Pyrethrins | 3 | 0 | 105 |
| | Tetramethrin | 1 | 0 | 102 |
| Rockland Chemical Co. (9) | Ammonium sulfamate | 1 | 0 | 102 |
| | Baygon | 1 | 0 | 106 |
| | Chlordane | 2 | 0 | 100 |
| | Ferbam | 1 | 0 | 100 |
| | Folpet | 1 | 0 | 99 |
| | Pyrethrins | 4 | 0 | 97 |
| | Tetramethrin | 1 | 0 | 116 |
| Rohm and Haas Corp. (1) | Maneb | 1 | 0 | 99 |
| Science Products Co. (4) | Kelthane | 2 | 0 | 107 |
| | Maneb | 1 | 0 | 99 |
| | Methoxychlor | 1 | 0 | 103 |

| Pesticide Manufacturer | Pesticide | Number Of Claims | Number Not Met | Average % Of Claims |
|----------------------------------|--|---------------------|-------------------|------------------------|
| O. M. Scott & Sons, Inc. (2) | Arsenic | 1 | 0 | 97 |
| | Diazinon | 1 | 0 | 102 |
| Seacoast Laboratories, Inc. (12) | Captan | 1 | 0 | 100 |
| | Carbaryl | 5 | 0 | 100 |
| | Chlordane | 1 | 0 | 102 |
| | Diazinon | 1 | 0 | 104 |
| | Folpet | 1 | 0 | 98 |
| | Kelthane | 2 | 0 | 99 |
| | Malathion | 4 | 0 | 100 |
| | Methoxychlor | 2 | 0 | 101 |
| | Rotenone | 1 | 0 | 100 |
| | Zineb | 1 | 0 | 109 |
| Sears, Roebuck & Co. (9) | Arsenic | 1 | 0 | 100 |
| | Benomyl | 1 | 0 | 106 |
| | 2,4-D + dicamba + Methylchloropropoxy propionic acid | 1 | 0 | 113 |
| | Diazinon | 1 | 0 | 107 |
| | Dicamba + Methylchloropoxy prompionic acid | 1 | 0 | 104 |
| | Dylox | 2 | 0 | 102 |
| | Methylnonyl ketone | 1 | 0 | 100 |
| | Zineb-maneb | 1 | 0 | 102 |
| Shell Chemical Co. (4) | Allethrin | 2 | 0 | 102 |
| | Chloropyrifos | 1 | 0 | 96 |
| | DDVP | 1 | 0 | 102 |
| | Methoxychlor | 1 | 0 | 100 |
| | Pyrethrins | 1 | 0 | 103 |
| Sherwin Williams Co. (1) | Captan | 1 | 0 | 97 |
| | Karathane | 1 | 0 | 100 |
| | Malathion | 1 | 0 | 108 |
| | Methoxychlor | 1 | 0 | 98 |
| Starbar (1) | DDVP | 1 | 0 | 98 |
| Sudbury Laboratory, Inc. (1) | Thiram | 1 | 0 | 97 |
| Tuco Div. of Upjohn Co. (1) | Thiram | 1 | 0 | 103 |
| Union Carbide Corp. (3) | N,N-diethyl-m-toluamide | 3 | 0 | 98 |
| Virginia Chemical, Inc. (1) | Diazinon | 1 | 0 | 99 |
| | Pyrethrins | 1 | 0 | 98 |
| F. W. Woolworth Co. (1) | Methoxychlor | 1 | 0 | 98 |
| Zodiac Pet Products (2) | Carbaryl | 1 | 0 | 100 |
| | Ronnel | 1 | 0 | 106 |
| (285) | | 386 | 11 | 102 |

Percent of claims deficient: 2.8

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